

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/29/2011

Sharon Lalli
Assistant District Attorney, Norfolk County

Dear ADA Lalli,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".
Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

| | | |
|---------------------|-----------------------------|------------------------|
| Related Coursework: | Analytical Chemistry | Physical Chemistry |
| | Organic Chemistry I and II | Instrumental Chemistry |
| | Biochemistry | Forensics Laboratory |
| | Chemistry of Criminalistics | Physical Evidence |
| | Anatomy | Physiology |

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory
Chemist I (October 2005 – March 2008)
Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory
Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

PLB

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Amherst Hours
9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

City or Department: Dincoy Police Reference N: [REDACTED]

Name and Rank of Submitting Officer: Det. W. Ward DET B. COEN

Defendant(s) Name (last, first, initial):
[REDACTED]

To be completed by Submitter
Description of Items Submitted

To be completed by Lab Personnel
Gross Weight Lab Number

| | | |
|---------------------------------|-------|--|
| 4 plb of white powder (cocaine) | 5.42g | [REDACTED] |
| 89 plb of brown powder (heroin) | 9.84g | [REDACTED] |
| I found LIGHT BLUE TABLET | 3.90g | [REDACTED] |
| | | |
| | | |
| | | |
| | | |
| | | |

Received by: PLB Date: 8-3-09

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Boston Hours

8:00 – 11:00
2:00 – 4:00

DRUG RECEIPT

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Amherst Hours

9:00 – 12:00
1:00 – 3:00

City or Department: Quincy Police Reference No. [REDACTED]

Name and Rank of Submitting Officer: Det. [Signature] DET. B. [Signature]

Defendant(s) Name (last, first, initial): [REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight Lab Number

| | | |
|-------------------------------|-------|--|
| 1 plb brown powdery substance | 4.22g | [REDACTED] |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Received by: ELO Date: 8-3-09

No. [REDACTED] Date Analyzed: 3-1-10
 City: Quincy Police Dept.
 Officer: Detective BRIAN COEN
 Def: [REDACTED]

Amount: Subst: SUB
 No. Cont: 4 Cont: pb
 Date Rec'd: 08/03/2009 No. Analyzed: 1
 Gross Wt.: 5.42 Net Weight: 0.38
 # Tests: 6 A/S
 • 2 DJR

Prelim: cocaine Findings: Cocaine

No. [REDACTED] Date Analyzed: 3-1-10
 City: Quincy Police Dept.
 Officer: Detective BRIAN COEN
 Def: [REDACTED]

Amount: Subst: SUB
 No. Cont: 9 Cont: pb
 Date Rec'd: 08/03/2009 No. Analyzed: 1
 Gross Wt.: 9.84 Net Weight: 0.78
 # Tests: 4 A/S
 • 2 DJR

Prelim: Heroin Findings: Heroin

No. [REDACTED] Date Analyzed: 3-1-10
 City: Quincy Police Dept.
 Officer: Detective BRIAN COEN
 Def: [REDACTED]

Amount: Subst: TAB
 No. Cont: 1 Cont: pb
 Date Rec'd: 08/03/2009 No. Analyzed: 1
 Gross Wt.: 3.90 Net Weight: 0.12
 # Tests: 1 A/S
 • 2 DJR

Prelim: Oxycodeone S Findings: Oxycodeone

Prelim: Heroin

Findings:

Heroin

Amount: 1 Cont: pb
No. Cont: 1
Date Rec'd: 08/03/2009
Gross Wt.: 4.22
Tests: 1 A/S
• 2 DJR

No. Analyzed:
Net Weight: 0.31

Subst: SUB

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective BRIAN COEN
Def: [REDACTED]

Date Analyzed:

3-1-10

Date Analyzed:

3-1-10

No. Analyzed: 1

Net Weight: 0.38

Tests: 6 A/S
• 2 DJR

Date Analyzed:

3-1-10

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective BRIAN COEN
Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 9 Cont: pb

Date Rec'd: 08/03/2009

No. Analyzed: 1

Net Weight: 0.78

Tests: 4 A/S
• 2 DJR

Prelim: Heroin

Findings: Heroin

No. [REDACTED] Date Analyzed: 3-1-10
City: Quincy Police Dept.
Officer: Detective BRIAN COEN

Def: [REDACTED]

Amount: 1.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 08/03/2009

No. Analyzed:

Gross Wt.: 3.90

Net Weight: 0.12

Tests: 1 A/S
• 2 DJR

Prelim: Oxycodeone S

Findings: Oxycodeone

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ASD

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (4): 2.2757

white powdered substance
in 4 vials

Gross Wt (1): 0.5343

Pkg. Wt: _____

Net Wt: 0.3804

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride +

TLTA (+)

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 2-25-10

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR DSE

DATE 3-1-10

DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY Quincy ANALYST AJD

No. of samples tested: _____ Evidence Wt: _____

PHYSICAL DESCRIPTION: Gross Wt (9): 4.7626

*Beige crystalline substance
in 9 gbs*

Gross Wt (1): 0.9818

Pkg. Wt: _____

Net Wt: 0.7862

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis +

Froehde's +

Mecke's +

Microcrystalline Tests

Gold
Chloride _____

TLTA ()

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 02-25-10

GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS
OPERATOR DJR

DATE 3-1-10

Pharmaceutical Analysis Sheet

Sample # [REDACTED] City Quincy E.O. weight 3.9

Count 1 Description: Blue and tablet

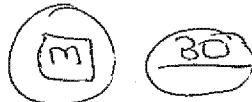
retention = 0.1245

17-95

Ballistic I.D. M 30

I.D. Source microscale

Oxycodeone (2-25-10)



Final I.D. Oxycodeone MS chemist ASD (052) completed 3-1-10

Sample # [REDACTED] City [REDACTED] E.O. weight [REDACTED]

Count [REDACTED] Description:

Ballistic I.D. [REDACTED]

I.D. Source [REDACTED]

Final I.D. [REDACTED] MS chemist [REDACTED] completed [REDACTED]

Sample # [REDACTED] City [REDACTED] E.O. weight [REDACTED]

Count [REDACTED] Description:

Ballistic I.D. [REDACTED]

I.D. Source [REDACTED]

Final I.D. [REDACTED] MS chemist [REDACTED] completed [REDACTED]

POISINDEX® Product List

Oxycodone Hydrochloride

Regulatory-Status: Schedule II

Ingredients

Active-Ingredient: Oxycodone Hydrochloride - 30 MG

Excipients: Cellulose, Microcrystalline
Sodium Starch Glycolate
Starch, Corn
Lactose
Stearic Acid
FD&C Blue No. 2

Availability & Manufacturing

Availability: United States

Available-Container-Size: Bottle of 100

Contact: Covidien Mallinckrodt

Product ID: 6594281

AAPCC Code: 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid)

Registry Number: NDC 0406-8530-01

Physical Description

Imprints: M - The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.
30

Alt Imprints: M30 - The M enclosed in a box is imprinted on one side and 30 above the score is imprinted on the reverse side.
M 30

Form: Oral Tablet

Color: Light Blue

Shape: Circle

© 1974- 2010 Thomson Reuters. All rights reserved.

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quebec ANALYST ASJ

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (): 0.4284

Beige crumbly substance in
1 PB

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.3105

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis +

Froehde's +

Mecke's +

Microcrystalline Tests

Gold
Chloride _____

TLTA (+)

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 02-25-10

GC/MS CONFIRMATORY TEST

RESULTS Heroin

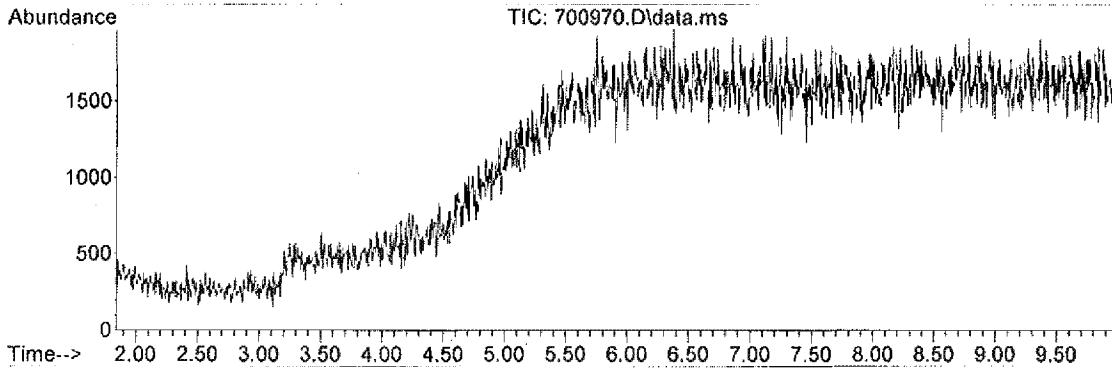
MS
OPERATOR DJ2

DATE 3-1-10

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700970.D
Operator : DJR
Date Acquired : 27 Feb 2010 14:44
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

✓ DJR
11-29-11



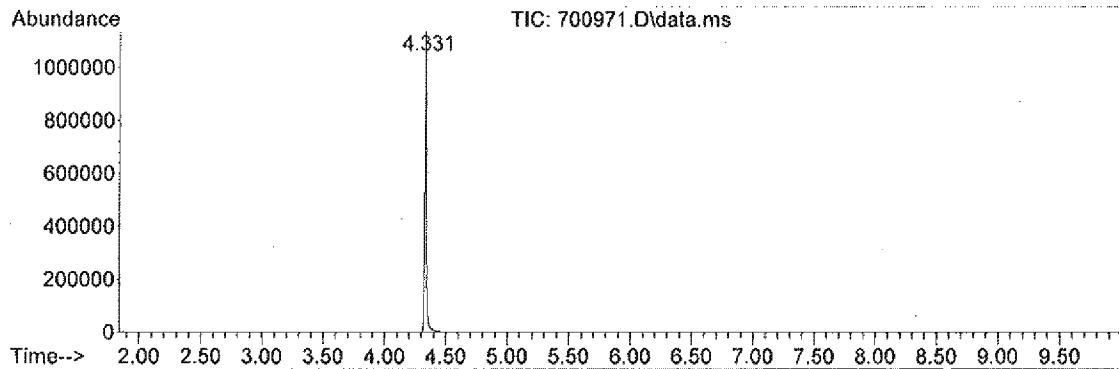
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700971.D
Operator : DJR
Date Acquired : 27 Feb 2010 14:57
Sample Name : COCAINE STD
Submitted by :
Vial Number : 10
AcquisitionMeth: DRUGS.M
Integrator : RTE



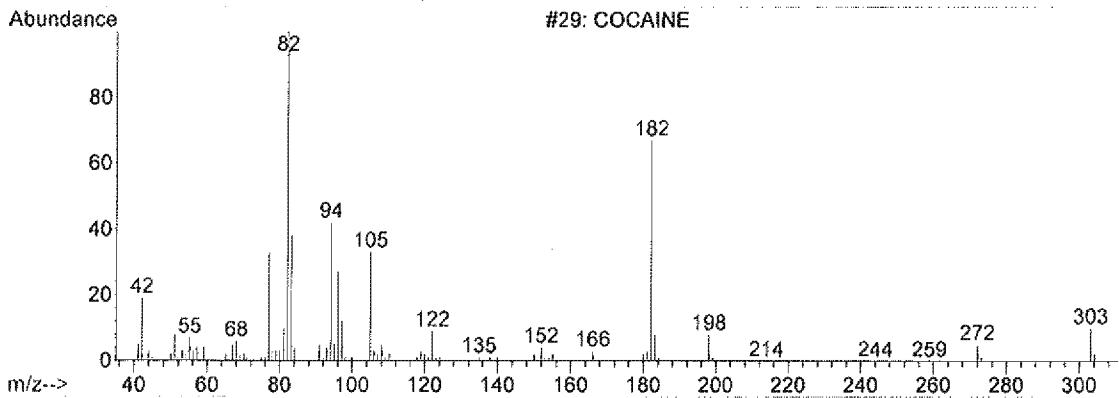
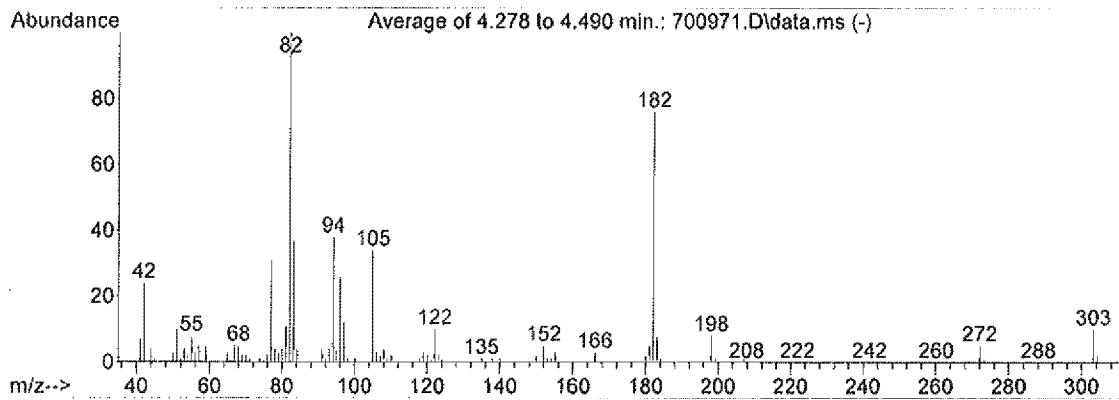
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.331 | 1106912 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700971.D
Operator : DJR
Date Acquired : 27 Feb 2010 14:57
Sample Name : COCAINE STD
Submitted by :
Vial Number : 10
AcquisitionMeth: DRUGS.M
Integrator : RTE

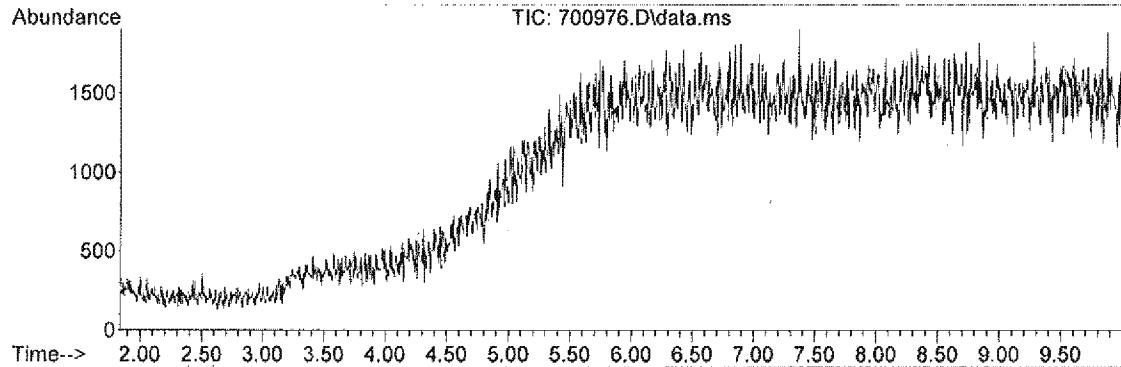
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.33 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700976.D
Operator : DJR
Date Acquired : 27 Feb 2010 16:00
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

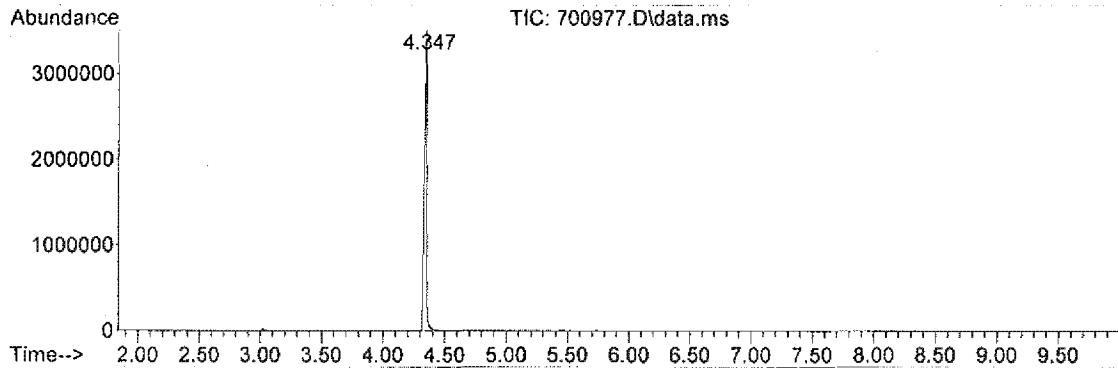


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700977.D
Operator : DJR
Date Acquired : 27 Feb 2010 16:13
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 16
AcquisitionMeth: DRUGS.M
Integrator : RTE



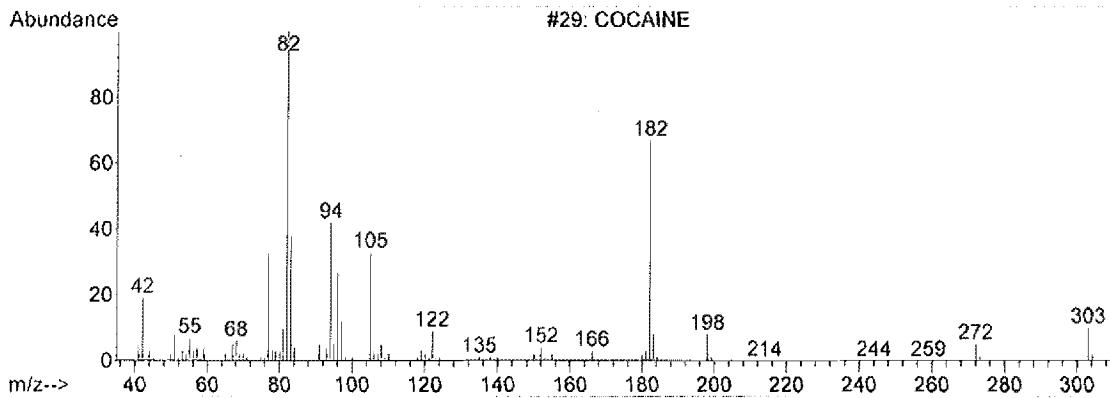
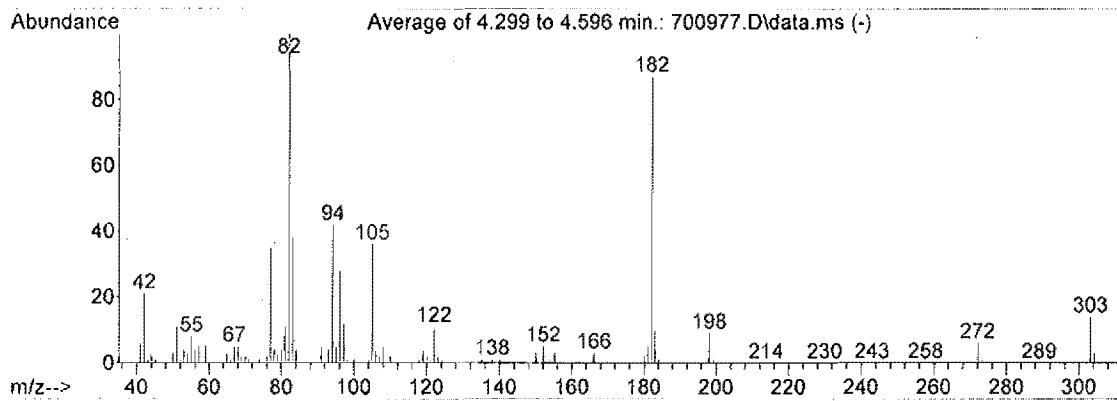
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.347 | 4903885 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700977.D
Operator : DJR
Date Acquired : 27 Feb 2010 16:13
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 16
AcquisitionMeth: DRUGS.M
Integrator : RTE

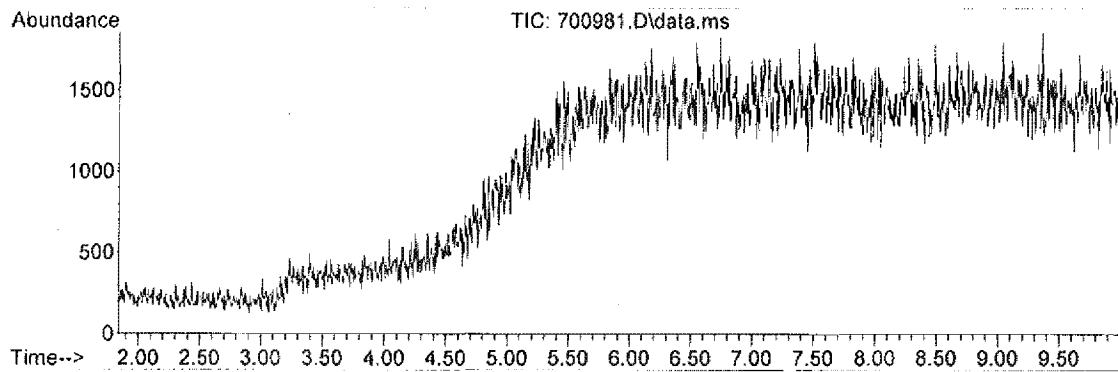
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.35 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700981.D
Operator : DJR
Date Acquired : 27 Feb 2010 17:03
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

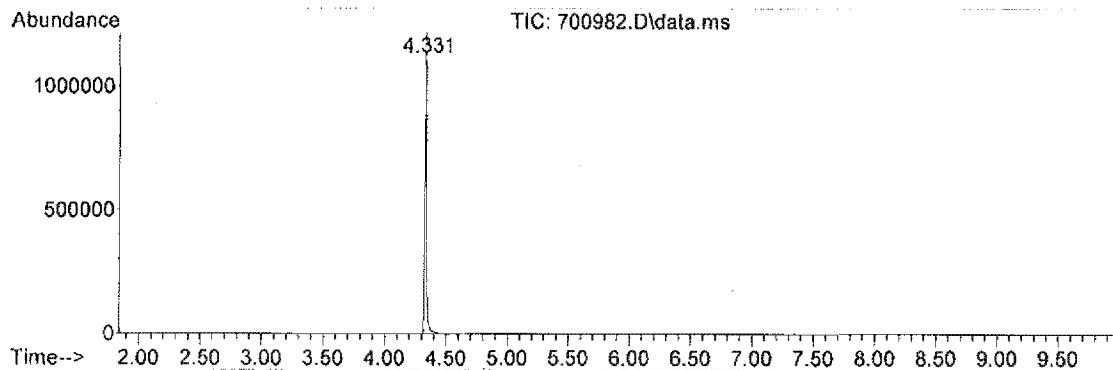


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700982.D
Operator : DJR
Date Acquired : 27 Feb 2010 17:16
Sample Name : COCAINE STD
Submitted by :
Vial Number : 10
AcquisitionMeth: DRUGS.M
Integrator : RTE



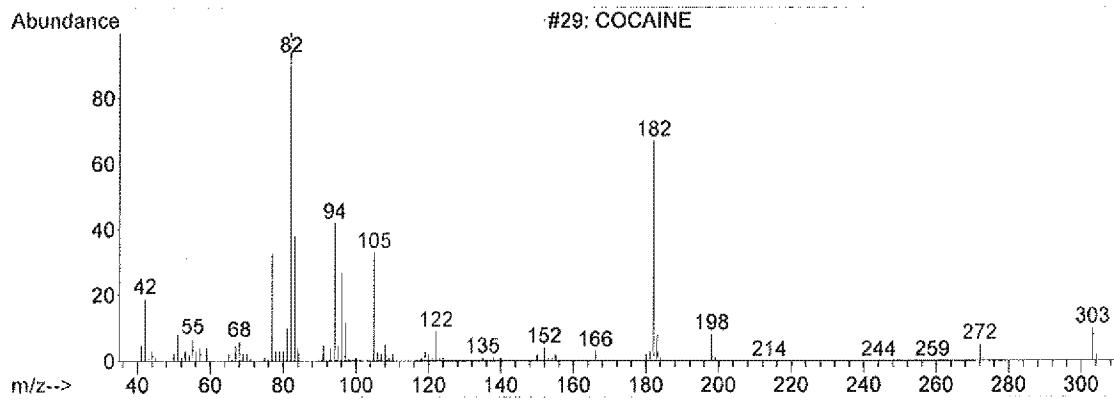
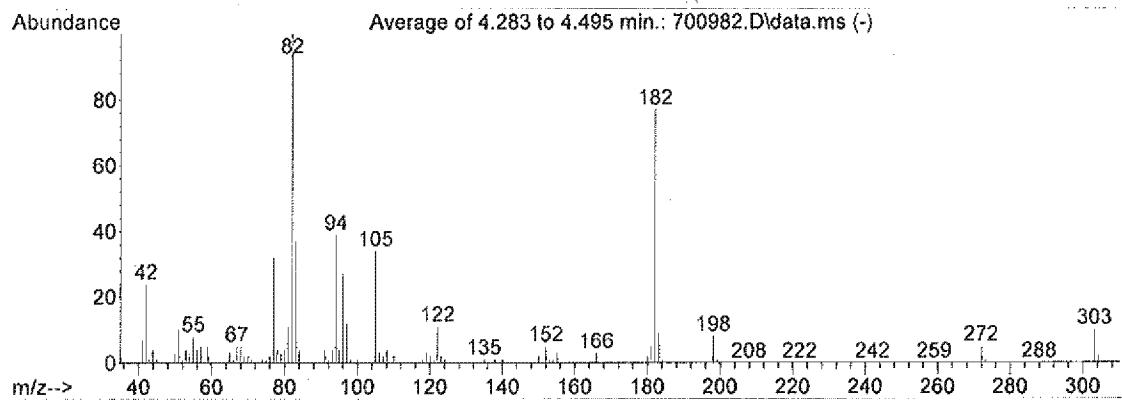
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.331 | 1153242 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700982.D
Operator : DJR
Date Acquired : 27 Feb 2010 17:16
Sample Name : COCAINE STD
Submitted by :
Vial Number : 10
AcquisitionMeth: DRUGS.M
Integrator : RTE

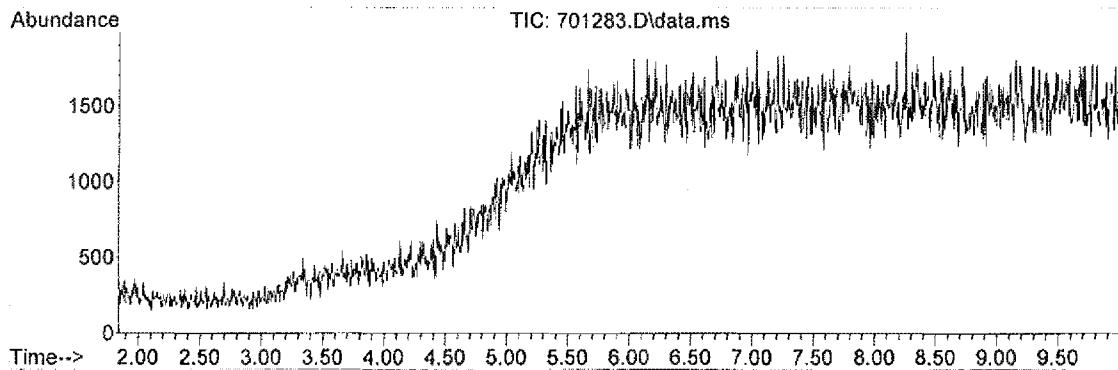
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.33 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701283.D
Operator : DJR
Date Acquired : 27 Feb 2010 7:33
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

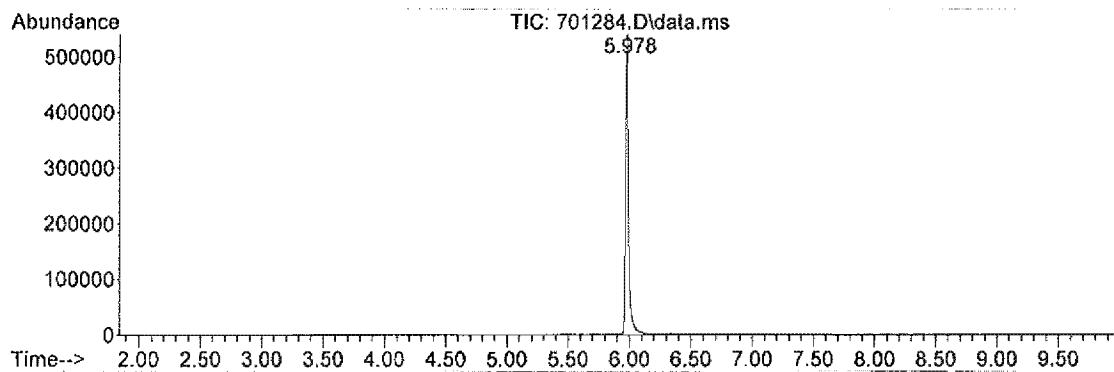


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701284.D
Operator : DJR
Date Acquired : 27 Feb 2010 7:45
Sample Name : HEROIN STD
Submitted by :
Vial Number : 84
AcquisitionMeth: DRUGS.M
Integrator : RTE



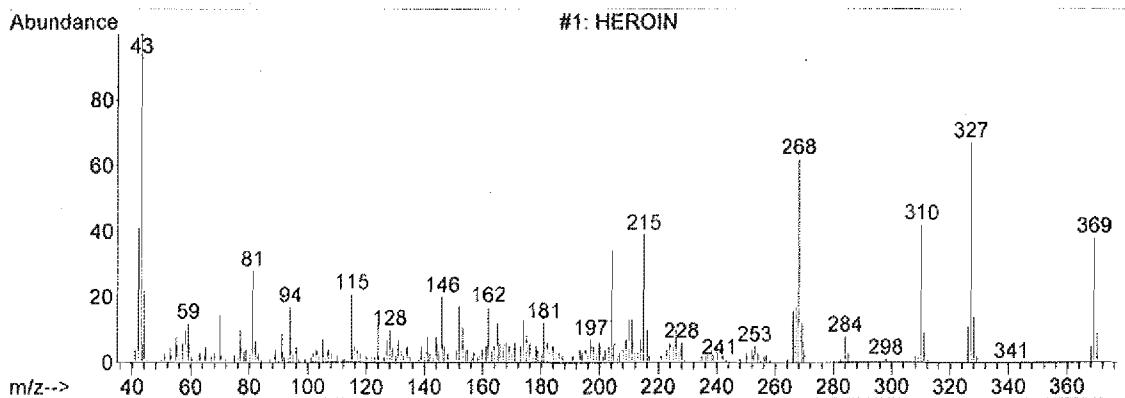
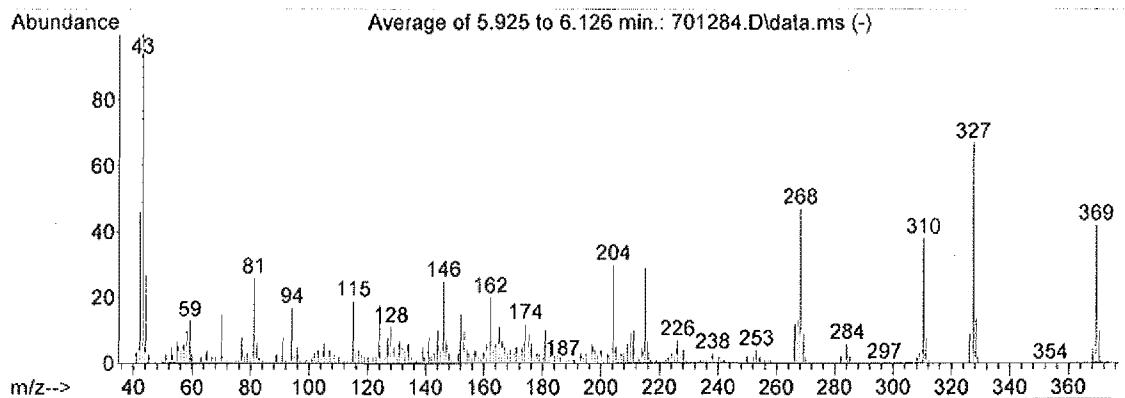
| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 5.978 | 830271 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701284.D
 Operator : DJR
 Date Acquired : 27 Feb 2010 7:45
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 84
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

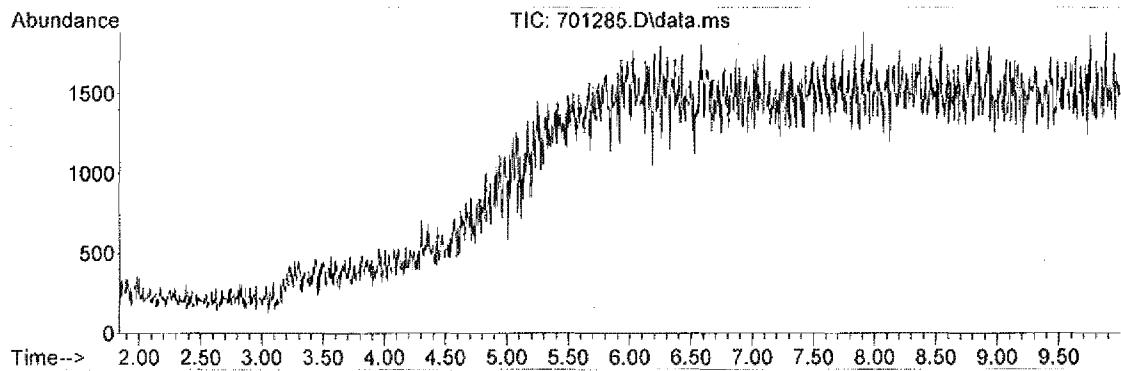
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 1 | 5.98 | C:\Database\SLI.L HEROIN | 000561-27-3 | 99 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701285.D
Operator : DJR
Date Acquired : 27 Feb 2010 7:58
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

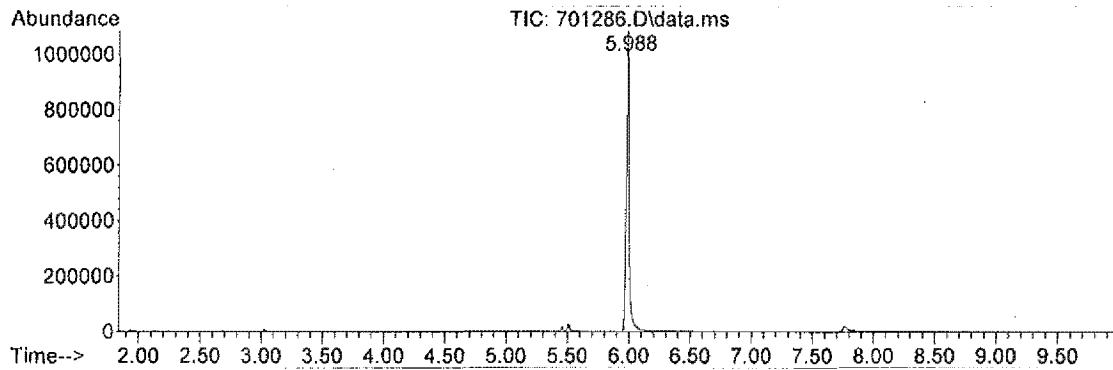


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701286.D
Operator : DJR
Date Acquired : 27 Feb 2010 8:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 86
AcquisitionMeth: DRUGS.M
Integrator : RTE



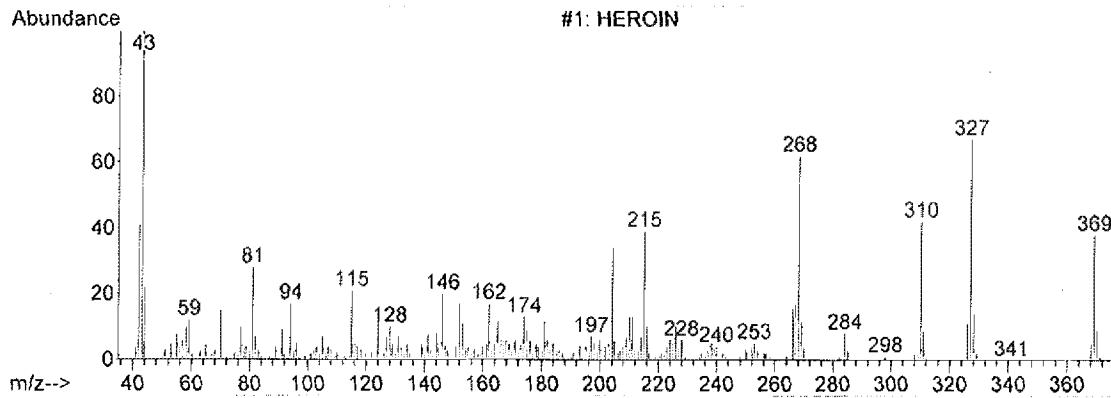
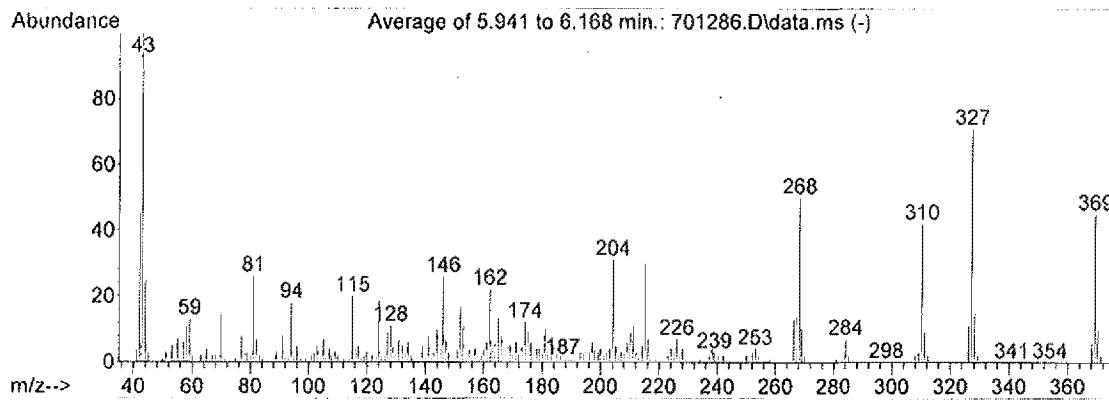
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 5.988 | 1701459 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701286.D
Operator : DJR
Date Acquired : 27 Feb 2010 8:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 86
AcquisitionMeth: DRUGS.M
Integrator : RTE

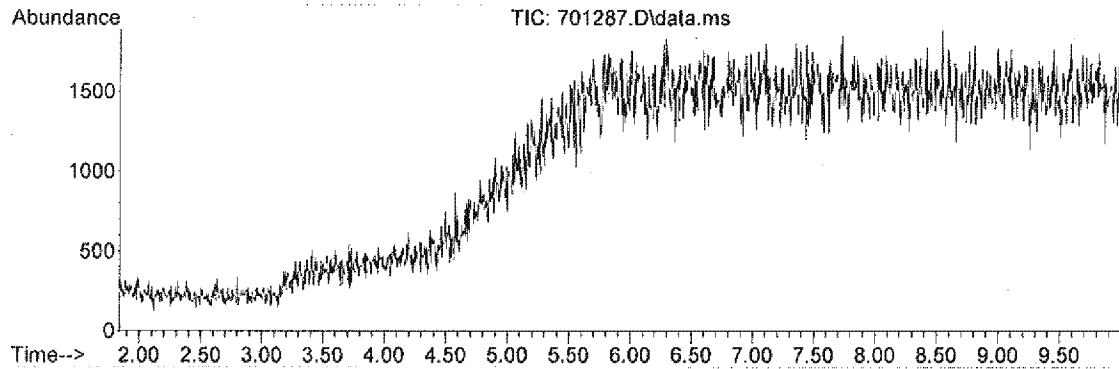
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 1 | 5.99 | C:\Database\SLI.L HEROIN | 000561-27-3 | 99 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701287.D
Operator : DJR
Date Acquired : 27 Feb 2010 8:23
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

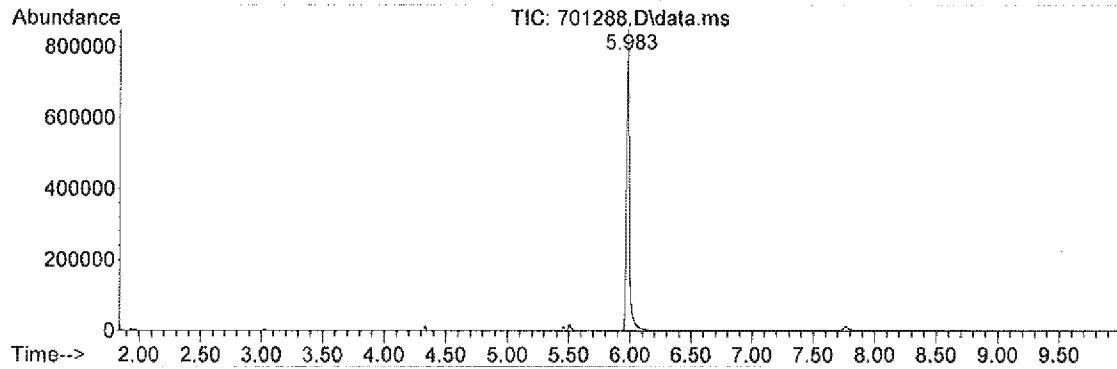


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701288.D
Operator : DJR
Date Acquired : 27 Feb 2010 8:36
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 88
AcquisitionMeth: DRUGS.M
Integrator : RTE



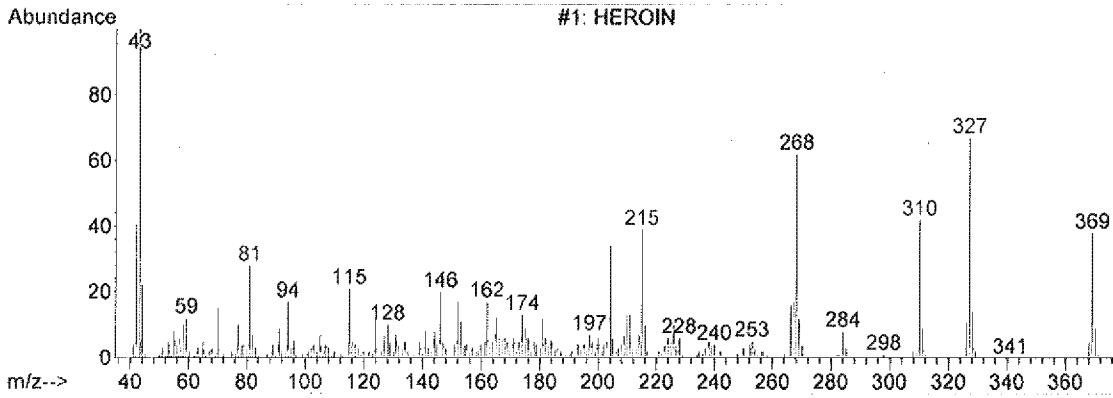
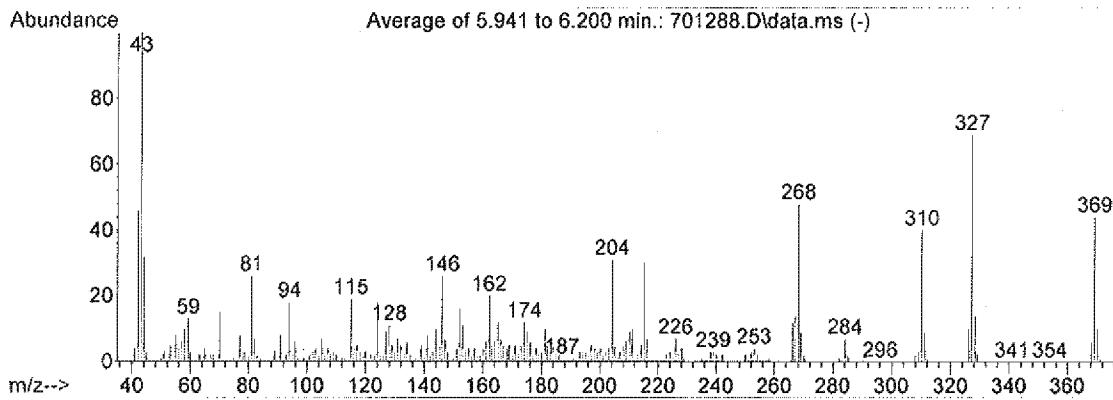
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 5.983 | 1274651 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701288.D
Operator : DJR
Date Acquired : 27 Feb 2010 8:36
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 88
AcquisitionMeth: DRUGS.M
Integrator : RTE

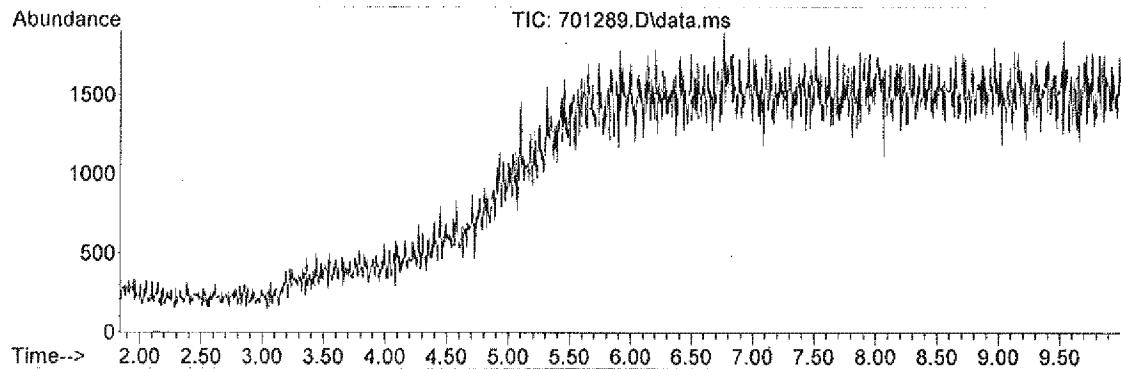
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 1 | 5.98 | C:\Database\SLI.L HEROIN | 000561-27-3 | 99 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701289.D
Operator : DJR
Date Acquired : 27 Feb 2010 8:49
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

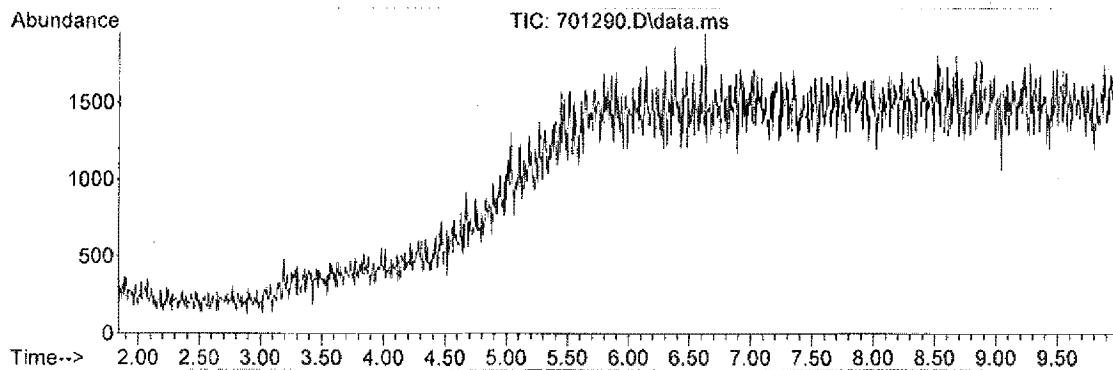


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701290.D
Operator : DJR
Date Acquired : 27 Feb 2010 9:01
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



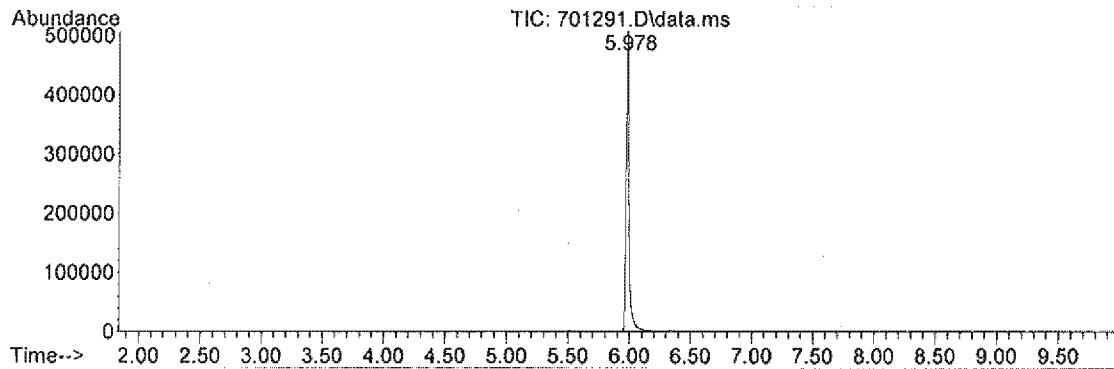
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701291.D
Operator : DJR
Date Acquired : 27 Feb 2010 9:14
Sample Name : HEROIN STD
Submitted by :
Vial Number : 91
AcquisitionMeth: DRUGS.M
Integrator : RTE



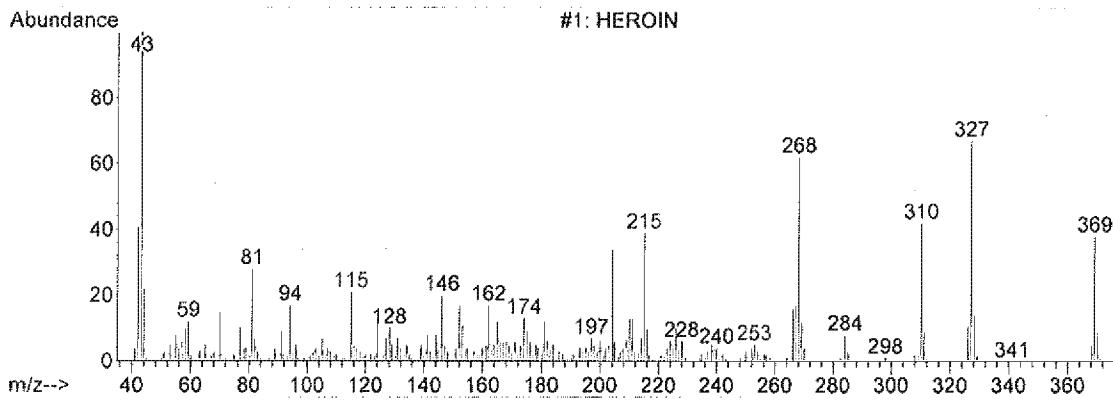
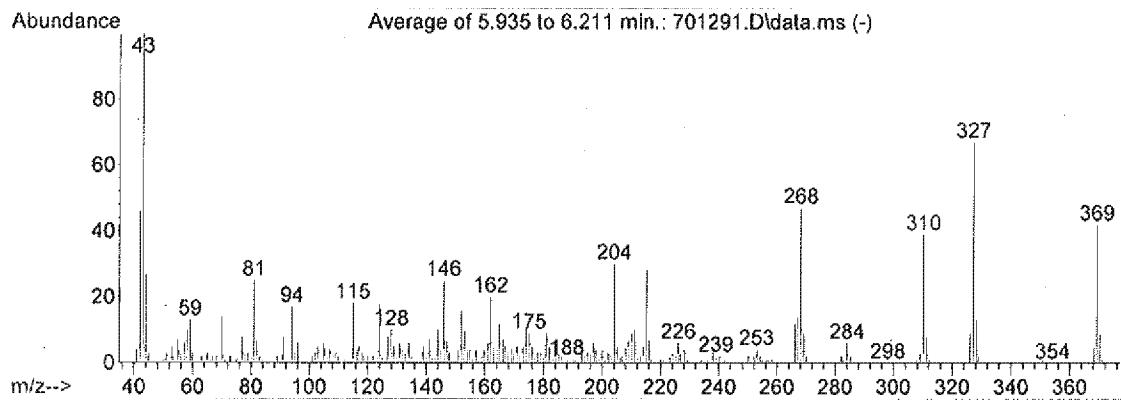
| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 5.978 | 788852 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701291.D
Operator : DJR
Date Acquired : 27 Feb 2010 9:14
Sample Name : HEROIN STD
Submitted by :
Vial Number : 91
AcquisitionMeth: DRUGS.M
Integrator : RTE

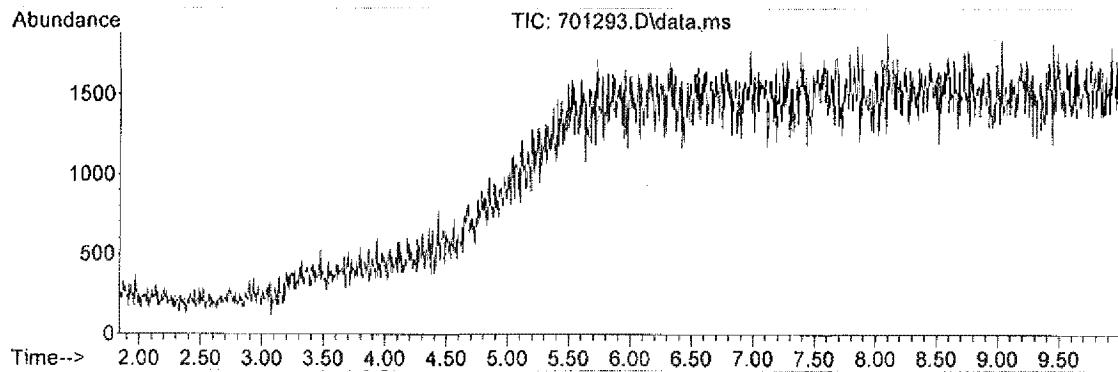
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------------|-------------|------|
| 1 | 5.98 | C:\Database\SLI.L HEROIN | 000561-27-3 | 99 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701293.D
Operator : DJR
Date Acquired : 27 Feb 2010 9:39
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

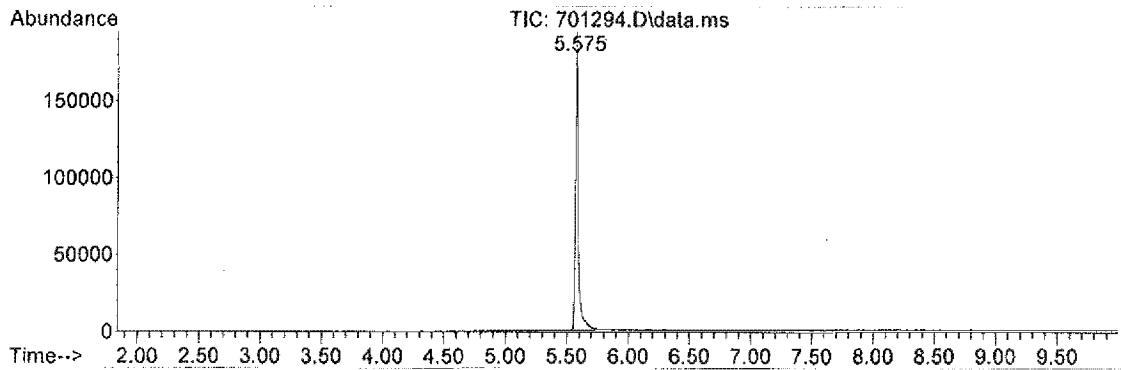


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701294.D
Operator : DJR
Date Acquired : 27 Feb 2010 9:52
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 94
AcquisitionMeth: DRUGS.M
Integrator : RTE



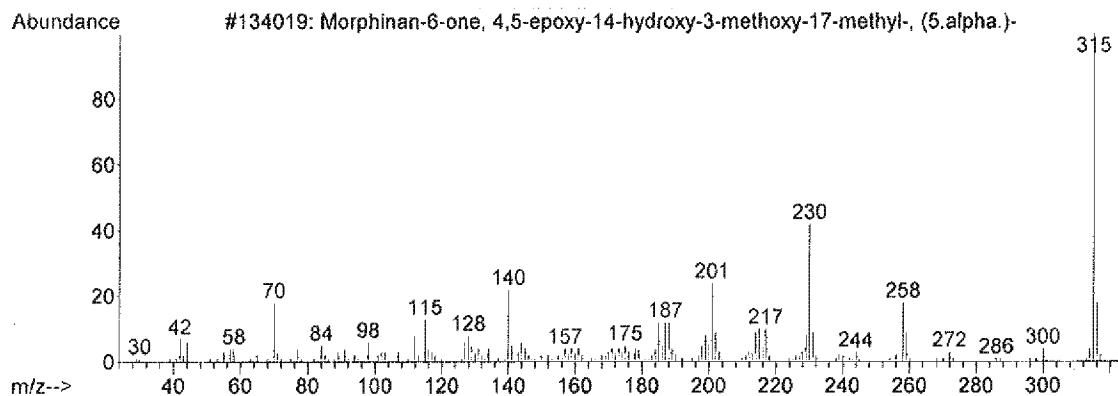
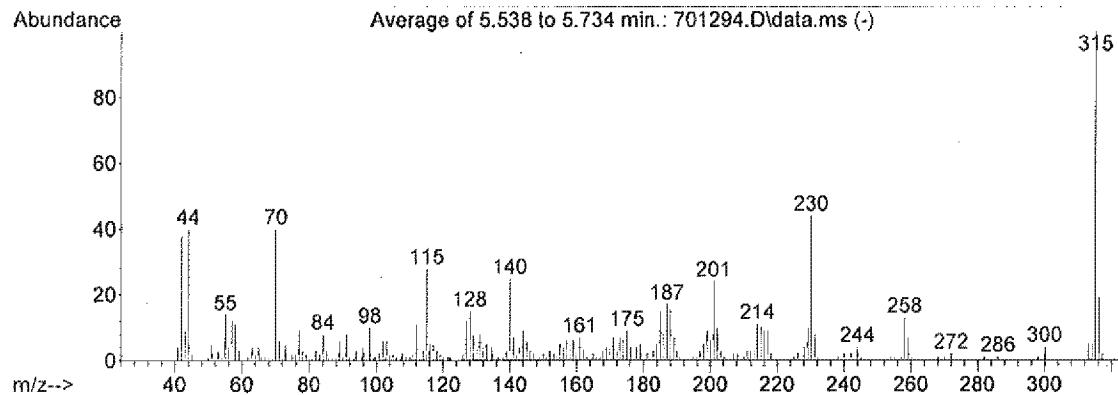
| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 5.575 | 304225 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701294.D
 Operator : DJR
 Date Acquired : 27 Feb 2010 9:52
 Sample Name : OXYCODONE STD
 Submitted by :
 Vial Number : 94
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

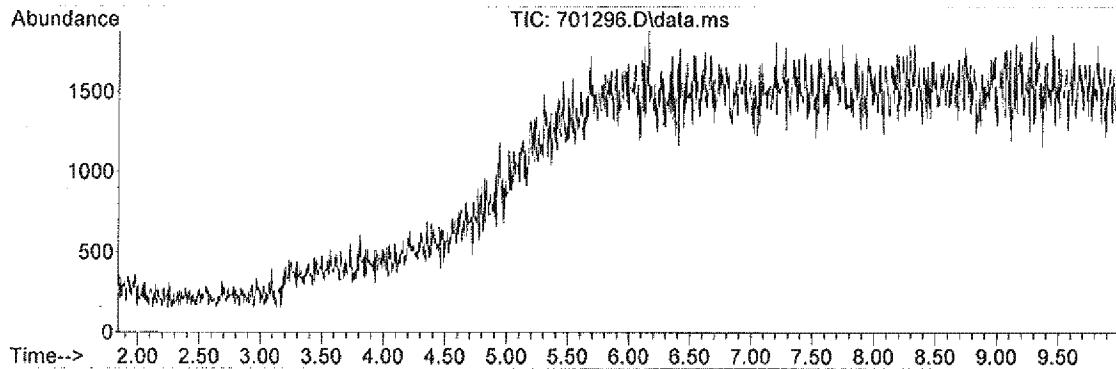
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 5.58 | C:\Database\NIST05a.L | | |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 99 |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 99 |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 98 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701296.D
Operator : DJR
Date Acquired : 27 Feb 2010 10:17
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

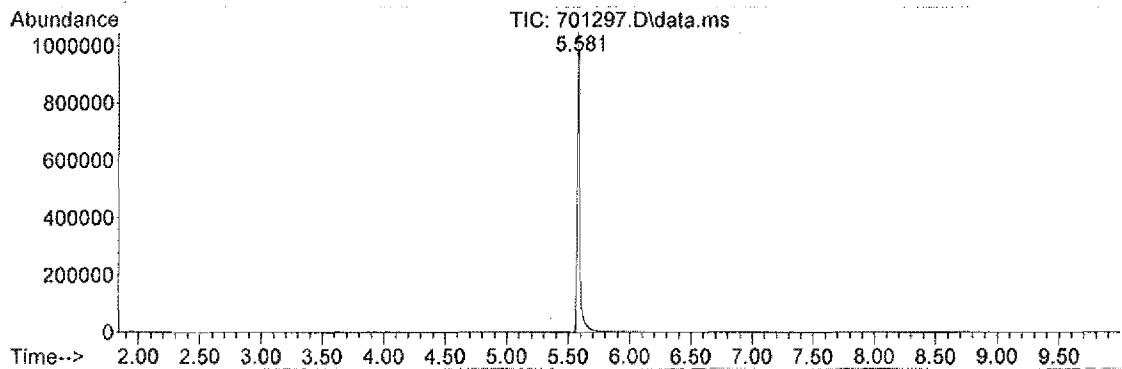


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701297.D
Operator : DJR
Date Acquired : 27 Feb 2010 10:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 97
AcquisitionMeth: DRUGS.M
Integrator : RTE



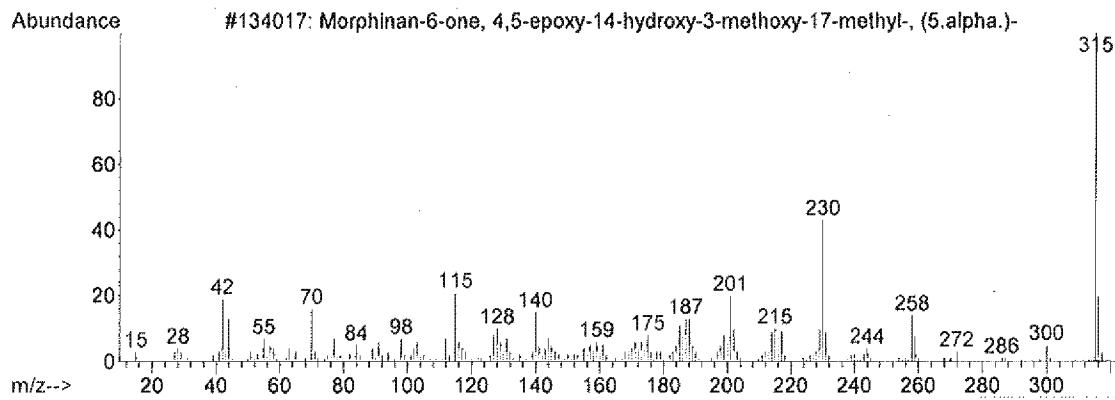
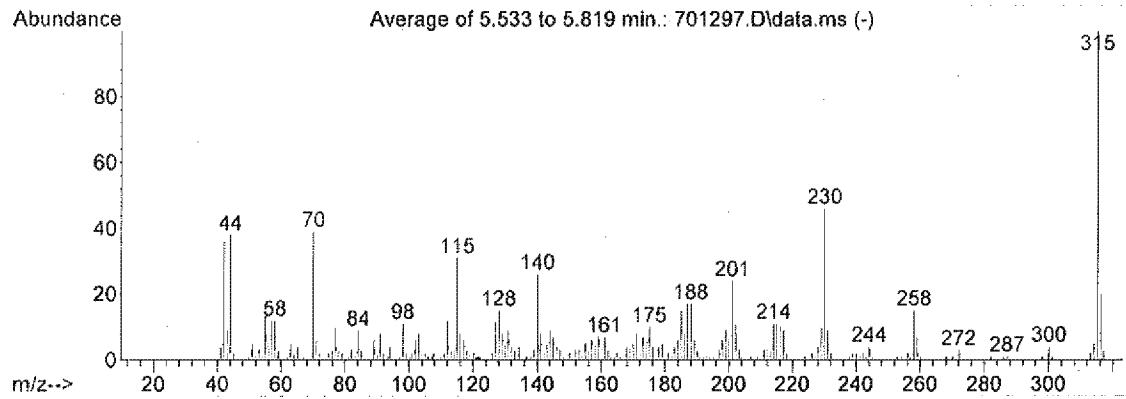
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 5.581 | 1586994 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701297.D
Operator : DJR
Date Acquired : 27 Feb 2010 10:30
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 97
AcquisitionMeth: DRUGS.M
Integrator : RTE

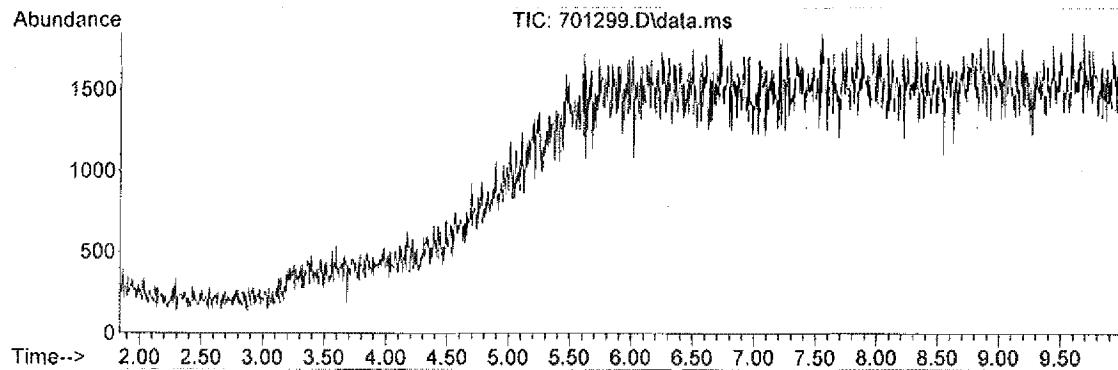
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 5.58 | C:\Database\NIST05a.L | | |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 99 |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 99 |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 99 |



Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\701299.D
Operator : DJR
Date Acquired : 27 Feb 2010 10:55
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

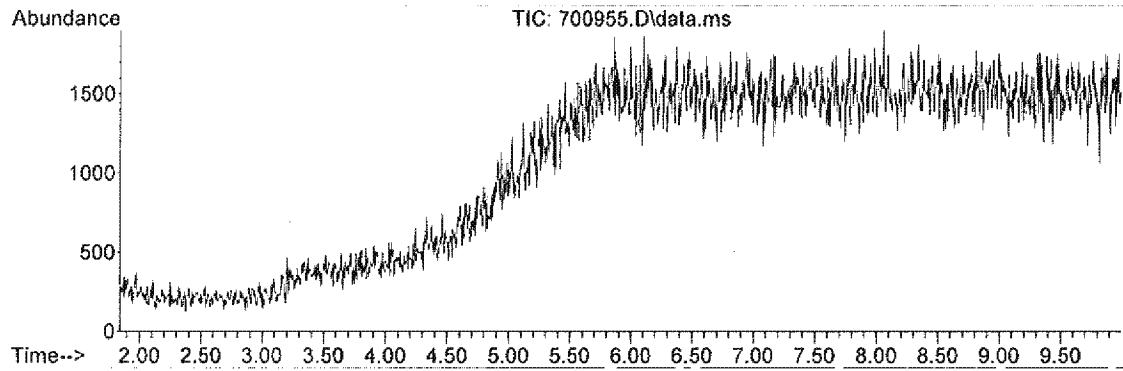


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700955.D
Operator : DJR
Date Acquired : 27 Feb 2010 11:34
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

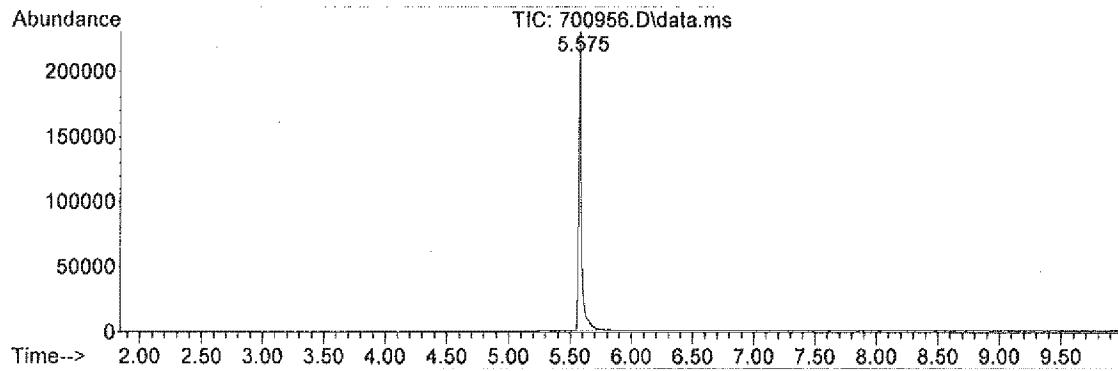


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700956.D
Operator : DJR
Date Acquired : 27 Feb 2010 11:46
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 94
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|--------|--------|---------|
| 5.575 | 358335 | 100.00 | 100.00 |

Information from Data File:

File Name : E:\Q1-2010\SYSTEM7\02_26_10\700956.D
Operator : DJR
Date Acquired : 27 Feb 2010 11:46
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 94
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 5.58 | C:\Database\NIST05a.L | | |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 99 |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 99 |
| | | Morphinan-6-one, 4,5-epoxy-14-hydro | 000076-42-6 | 99 |

